



Minimum Evaporating Temp. With:

- 10 K Suction Superheat
- 20 °C Suction Gas Return
- Maximum Evaporating Temperature

Suction Superheat 10.0K

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
10.0	4.03	5.07	6.31	7.78					
15.0	3.81	4.82	6.02	7.44	9.12				
20.0	3.58	4.56	5.72	7.09	8.70	10.55			
25.0	3.34	4.28	5.40	6.71	8.25	10.05	12.10		
30.0	3.09	3.99	5.06	6.31	7.79	9.50	11.50	12.35	13.75
35.0		3.70	4.71	5.90	7.30	8.93	10.85	11.65	13.00
40.0			4.35	5.48	6.80	8.34	10.15	10.95	12.20
45.0				5.04	6.28	7.73	9.43	10.20	11.40
50.0					5.74	7.10	8.70	9.42	10.55
55.0						6.46	7.95	8.62	9.70

50 Hz

ZB26KCE-PFJ

R407A Dew Point

Cond °C	Power, kW								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
10.0	1.12	1.10	1.10	1.12					
15.0	1.24	1.24	1.25	1.27	1.28				
20.0	1.38	1.38	1.40	1.42	1.45	1.46			
25.0	1.54	1.55	1.58	1.60	1.64	1.65	1.64		
30.0	1.74	1.74	1.77	1.80	1.84	1.85	1.85	1.84	1.82
35.0		1.98	2.00	2.03	2.06	2.07	2.07	2.06	2.03
40.0			2.26	2.28	2.30	2.32	2.31	2.29	2.27
45.0				2.57	2.59	2.59	2.57	2.56	2.52
50.0					2.91	2.90	2.87	2.85	2.81
55.0						3.25	3.20	3.18	3.13

Cond °C	Current at 230 V, A								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
10.0	8.93	8.89	8.89	8.90					
15.0	9.55	9.55	9.58	9.62	9.66				
20.0	10.01	10.04	10.09	10.15	10.21	10.26			
25.0	10.39	10.43	10.49	10.57	10.64	10.69	10.70		
30.0	10.75	10.80	10.86	10.94	11.01	11.06	11.07	11.06	11.03
35.0		11.21	11.27	11.34	11.40	11.44	11.43	11.42	11.37
40.0			11.78	11.83	11.87	11.89	11.86	11.83	11.77
45.0				12.49	12.50	12.48	12.42	12.38	12.30
50.0					13.36	13.30	13.19	13.14	13.03
55.0						14.40	14.25	14.17	14.02

Cond °C	Suction Mass Flow, g/s								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
10.0	21.90	27.10	33.20	40.30					
15.0	21.50	26.80	32.90	40.10	48.40				
20.0	21.10	26.40	32.60	39.80	48.10	57.60			
25.0	20.60	26.00	32.20	39.30	47.60	57.10	67.90		
30.0	20.00	25.40	31.60	38.80	47.00	56.50	67.20	71.90	79.40
35.0		24.80	31.00	38.10	46.30	55.70	66.40	71.10	78.60
40.0			30.20	37.30	45.40	54.80	65.50	70.10	77.60
45.0				36.30	44.40	53.70	64.30	69.00	76.50
50.0					43.30	52.50	63.10	67.70	75.20
55.0						51.10	61.60	66.20	73.70

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m³/h	9.94
Length/Width, mm	243/244
Height, mm	406
Net Weight, kg	28.4
Gross Weight, kg	31.4
Rotalock Suction, inch	1 1/4
Rotalock Discharge, inch	1
Oil Quantity, l	1.12
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF, POE MOBIL EAL Arctic 22 CC
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m (MT), dBA	60
Sound Power (MT), dBA	71
Sound Power with Sound Shell (MT), dBA	61
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10 / 45 / 20 °C at 50 Hz
PED Category	1
Max. Internal Free Volume, l	2.60
High Side PS gauge, bar	32
Low Side PS gauge, bar	21
Low Side TS Max., °C	50
Low Side TS Min., °C	-35
Refrigerant's GWP	2107
Refrigerant's classification	A1

COMPRESSOR ELECTRICAL DATA (220-240 V / 1~ / 50 Hz)

Maximum Operating Current, A	18.8
Locked Rotor Current, A	97
Winding Resistance, ohm	1.65/0.69 (R/S)
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Mounting Grommets	Standard
Discharge Temperature Protection	Internal Thermodisk

ACCESSORIES OPTIONAL

Single Phase Equipment	Run Capacitor
Oil Control System	ALCO Trax-Oil OM3
Crankcase Heater	70 W External
Sound Attenuation	Sound Shell (10dBA)
Rotalock valves	suction and discharge
Single Phase Equipment	Start Relay and Capacitor

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
PFJ	220-240 V / 1~ / 50 Hz	230		PSC	1.00
PFJ	265 V / 1~ / 60 Hz	265		PSC	0.75